2K7® SOLUTION

2K7 Solution is a liquid microbiocide for use in controlling bacteria and algae found in industrial applications, and as a preservative to inhibit bacterial spoilage during manufacture, distribution, use and storage of industrial, consumer, household and institutional products. Not for the control of algae in the State of California.

ACTIVE INGREDIENT:
2-bromo-2-nitropropane-1,3-diol 10.0%
OTHER INGREDIENTS 90.0%
Total 100.0%

EPA REG. NUMBER: 67420-3
EPA EST. NUMBER: 550-CO-1
NET CONTENTS: 275 Gallons (2458 lbs)

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HARMFUL TO HUMANS AND DOMESTIC ANIMALS
DANGER Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Personal Protective Equipment (PPE): Wear protective eyewear, long sleeve shirt, long pants, closed toe shoes and heavy rubber gloves. Ingestion may cause addraneous effects in some individuals. Remove contaminated clothing and wash before re-use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Apparel: Wear long-sleeved shirt and long pants, socks and chemical-resistant footwear, goggles or face shield, and chemical-resistant gloves such as nitrile, butyl, neoprene, or neoprene coated. Avoid exposure.

USER SAFETY REQUIREMENTS

Do not apply this product in a way that will contact workers or other persons. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been disinfected or heavily contaminated with this product's concentrate. Do not re-wear or re-use. Remove lightly contaminated clothing and wash separately from other laundry using detergent and hot water before re-use.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

Do not contaminate storage, water, food, or food by storage or disposal.

PESTICIDE STORAGE: Keep away from heat. Store in a cool dry place in tightly closed original container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to your State Pesticide or Environmental Protection Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer container for recycling, if available, or recondition, if appropriate, or puncture and dispose of in a sanitary landfill.

DISPOSITIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

GENERAL USE DIRECTIONS

Depending on the nature of the problem, its severity, and the amount of 2K7 solution needed, 2K7 Solution at 1000 to 5000 ppm may be used. If the system is suspected to have fouled, and a 2K7 solution is used at concentrations of 250 to 2000 ppm, the concentration may be adjusted until the system is cleaner. Dose 2K7 Solution at 1000 to 5000 ppm in the process water entering the system. Add higher concentrations to the hydrocarbon phase, which will result in lower concentrations in the aqueous phase. Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use.

INDUSTRIAL RECIRCULATING COOLING WATER

For use in recirculating cooling towers (not once-through), evaporative condensers, and closed-loop systems (drinking or potable water), industrial and/or commercial air washers, air conditioning and humidifying systems. 2K7 Solution will reduce the biofouling of pipework, heat exchangers, condenser tubs and minimize microbial corrosion. Apply 2K7 Solution once weekly to the makeup water. Start at 3 ppm and increase as needed. Stop when temperature is 2 ppm or less to 1000 ppm (2 to 18 pt./1000 gallons). Subsequent dosing can be reduced to 100 ppm. Do not apply by open pouring of liquid to cooling towers and evaporative condensers.

INDUSTRIAL PROCESS WATER

For use in oil and gas well injection and formation waters. 2K7 Solution should be injected at any convenient point at 250-1000 ppm (2 to 18 pt./1000 gallons) from once per week to once per month depending on the severity of contamination.

FIRST AID

If in eyes
• Hold eye open and rinse slowly and gently with water for 15–20 minutes.
• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
Call a poison control center or doctor for treatment advice.

If swallowed
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

If on skin or clothing
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

If inhaled
• Move person to fresh air.
• If not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may counter indicate the use of gastric lavage.

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